



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Derrick Sai Tang Butt et al.

Appln. No.: 10/810,294

Filed : March 26, 2004

For : MACRO CELL FOR INTEGRATED
CIRCUIT PHYSICAL LAYER
INTERFACE

Docket No.: 02-6036/L13.12-0230

Group Art Unit:2818

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED
UNDER 37 C.F.R. §§ 1.53(f) AND 1.16(e)**

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, THIS

20 DAY OF July, 20 07
David S. Brown
PATENT ATTORNEY

Sir:

In response to the Notice to File Missing Parts of application - Filing Date Granted dated June 8, 2004, Applicant encloses the following documents to complete the above-identified patent application filed March 26, 2004:

1. Please charge the Surcharge Fee of \$130.00 to Deposit Account No. 12-2252. Fee Calculation Sheet attached in duplicate.
2. Combined Declaration and Power of Attorney executed by the inventors.
3. Copy of Fee Transmittal filed March 26, 2004 authorizing the Patent Office to charge the Filing Fee of \$770.00 to Deposit Account No. 12-2252.
4. Notice to File Missing Parts of Application-Filing Date

Granted.

5. Letter to Official Draftsperson.
6. 21 pages of formal drawings.
7. Patent Recordation Form Cover Sheet.
8. Executed Assignment document.

The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 12-2252.

Respectfully submitted,
WESTMAN, CHAMPLIN & KELLY, P.A.

By: David D. Brush
David D. Brush, Reg. No. 34,557
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

DDB:tkj

FEE TRANSMITTAL



Complete if Known

Application No.	10/810,294
Filing Date	March 26, 2004
First Named Inventor	Derrick Sai Tang Butt et al.
Title	MACRO CELL FOR INTEGRATED CIRCUIT PHYSICAL LAYER INTERFACE
Group Art Unit	2818
Examiner Name	
Atty. Docket Number	02-6036/L13.12-0230

Total Amount of Payment \$ 130

METHOD OF PAYMENT (Check One)

1. ☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 12-2252.

2. ☐ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description
Code	Fee (\$)	Code	Fee (\$)	
1001	770	2001	385	<input checked="" type="checkbox"/> Utility Filing Fee
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee
1005	160	2005	80	<input type="checkbox"/> Prov. Filing Fee

Subtotal (1) \$

2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	18	20	0	18	0
Indep.	3	3	0	86	0

Multiple Dependent Claims

** Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity		Small Entity		Description
Code	Fee (\$)	Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple Dependent Claims
1204	86	2204	43	Reissue Independent Claims over Original Patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

Subtotal (2) \$ 0

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1051	130	2051	65	Surcharge - Late filing fee or oath	130
1052	50	2052	25	Surcharge - Late provisional Filing Fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For Filing a Request for Reexamination. (ex parte)	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1814	110	2814	55	Terminal Disclaimer Fee	
1452	110	2452	55	Petition to Revive - unavoidable	
1453	1,330	2453	665	Petition to Revive - unintentional	
1501	1,330	2501	665	Utility/Reissue issue fee (inc. advance copies)	
1502	480	2502	240	Design issue fee (inc. advance copies)	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	

Other Fee (specify) _____

Subtotal (3) \$130

Signature

(David D. Brush)

Reg. No. 34.557

Date

7/20/04

Deposit Account No. 12-2252



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Inventor : Derrick Sai Tang Butt et al.

Batch No:

Appln. No.: 10/810,294

Allowed:

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Group Art Unit: 2818

For : MACRO CELL FOR INTEGRATED
CIRCUIT PHYSICAL LAYER
INTERFACE

Examiner:

Docket No.: 02-6036/L13.12-0230

LETTER TO OFFICIAL DRAFTSPERSON

Mail Stop Issue Fee

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, THIS

20 DAY OF July, 20 04
David D. Brush
PATENT ATTORNEY

Sir:

Enclosed are **twenty-one** (21) sheets of formal drawings
for filing in the above-identified application.

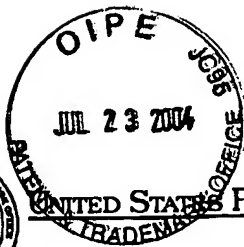
Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By:

David D. Brush
David D. Brush, Reg. No. 34,557
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
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DDB:tkj

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/810,294	03/26/2004	Derrick Sai Tang Butt	02-6036/L13.12-0230

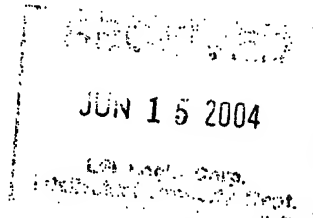
Pete R. Scott
LSI Logic Corporation
MS D-106
1621 Barber Lane
Milpitas, CA 95035

CONFIRMATION NO. 9302

FORMALITIES LETTER



OC000000012895873



Date Mailed: 06/08/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 3A - 3B, 4A - 4B, 5 & 8B.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$900 for a Large Entity

07/26/2004 FFANAI2 00000027 122252 10810294

01 FC:1001 770.00 DA
02 FC:1051 130.00 DA

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.

Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- A new oath or declaration, identifying this application number is required. The oath or declaration does not comply with 37 CFR 1.63 in that it:
- does not identify the citizenship of each inventor.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*


Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE